

Serial Number: 10/018,192 Changed a file from non-ASCII to ASCII **ENTERED** Changed the margins in cases where the sequence text was "wrapped" down to the next line. Edited a format error in the Current Application Data section, specifically: Edited the Current Application Data section with the actual current number. The number inputted by the applicant was the prior application data; or other _____. Added the mandatory heading and subheadings for "Current Application Data". Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer. Changed the spelling of a mandatory field (the headings or subheadings), specifically: Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place. Inserted colons after headings/subheadings. Headings edited included: Deleted extra, invalid, headings used by an applicant, specifically: Deleted: non-ASCII "garbage" at the beginning/end of files; secretary initials/filename at end of file; page numbers throughout text; other invalid text, such as _____. Inserted mandatory headings, specifically: Corrected an obvious error in the response, specifically: Edited identifiers where upper case is used but lower case is required, or vice versa. Corrected an error in the Number of Sequences field, specifically: A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted. Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: Other:



PCT10

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/018,192

DATE: 11/25/2002

TIME: 18:28:12

Input Set : N:\Crf4\11182002\J018192.raw
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1 <110> APPLICANT: Synaptic Pharmaceutical Corporation
 2 <120> TITLE OF INVENTION: DNA Encoding SNORF36a and SNORF36b Receptors
 3 <130> FILE REFERENCE: 59138-B-PCT/JPW
 4 <140> CURRENT APPLICATION NUMBER: US/10/018,192
 5 <141> CURRENT FILING DATE: 2002-11-01
 6 <150> PRIOR APPLICATION NUMBER: 09/518,914
 7 <151> PRIOR FILING DATE: 2000-03-03
 8 <150> PRIOR APPLICATION NUMBER: 09/303,593
 9 <151> PRIOR FILING DATE: 1999-05-03
 10 <160> NUMBER OF SEQ ID NOS: 48
 11 <170> SOFTWARE: PatentIn Ver. 2.1
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 15 <212> TYPE: DNA
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 20 acgctggggcc ggcttccatc catcagtccc acagcacctg ggacttgggc tgctgcctgg 180
 21 gtccccctcc ccacgggttga tttccagac catgcccact ataccctggg cacagtgatc 240
 22 ttgctgggtgg gactcacggg gatgctgggc aacctgacgg tcatctatac cttctgcagg 300
 23 agcagaagcc tccggacacc tgccaacatcg ttcattatca acctcgccgt cagcgacttc 360
 24 ctcatgtcct tcacccaggc ccctgtcttc ttcaccagta gcctctataa gcagtggctc 420
 25 tttggggaga caggctgcga gttctatgccc ttctgtggag ctctctttgg catttctcc 480
 26 atgatcaccc tgacggccat cggccctggac cgctacctgg taatcacacgc cccgctggcc 540
 27 acctttggtg tggcgtccaa gaggcgtgcgc gcattttgtcc tgctgggcgt ttggctctat 600
 28 gccctggccct ggagtctgcc acccttcttc ggctggagcg cctacgtgcc cgaggggttg 660
 29 ctgacatcct gctcctggga ctacatgagc ttcacggccgg cctgtgcgtgc ctacaccatg 720
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 31 atcttcaggc ccatccggga gacaggacgg gctctccaga ctttcggggc ctgcaagggc 840
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 36 agggtggcca ttgcccagca cctgccttc ctgggggtgc tgctgggtgt atcacgcgg 1140
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 38 tccaaacctca gctggatctc catacggagg cgccaggagt ccctgggctc ggagagtgag 1260
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 43 cctcatat 1508
 45 <210> SEQ ID NO: 2

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47 <212> TYPE: PRT
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54     Gln Ser Ser Ile Ser Ser Leu Gly Arg Leu Pro Ser Ile Ser Pro Thr
55         35            40            45
56     Ala Pro Gly Thr Trp Ala Ala Ala Trp Val Pro Leu Pro Thr Val Asp
57         50            55            60
58     Val Pro Asp His Ala His Tyr Thr Leu Gly Thr Val Ile Leu Leu Val
59         65            70            75            80
60     Gly Leu Thr Gly Met Leu Gly Asn Leu Thr Val Ile Tyr Thr Phe Cys
61         85            90            95
62     Arg Ser Arg Ser Leu Arg Thr Pro Ala Asn Met Phe Ile Ile Asn Leu
63         100           105           110
64     Ala Val Ser Asp Phe Leu Met Ser Phe Thr Gln Ala Pro Val Phe Phe
65         115           120           125
66     Thr Ser Ser Leu Tyr Lys Gln Trp Leu Phe Gly Glu Thr Gly Cys Glu
67         130           135           140
68     Phe Tyr Ala Phe Cys Gly Ala Leu Phe Gly Ile Ser Ser Met Ile Thr
69         145           150           155           160
70     Leu Thr Ala Ile Ala Leu Asp Arg Tyr Leu Val Ile Thr Arg Pro Leu
71         165           170           175
72     Ala Thr Phe Gly Val Ala Ser Lys Arg Arg Ala Ala Phe Val Leu Leu
73         180           185           190
74     Gly Val Trp Leu Tyr Ala Leu Ala Trp Ser Leu Pro Pro Phe Phe Gly
75         195           200           205
76     Trp Ser Ala Tyr Val Pro Glu Gly Leu Leu Thr Ser Cys Ser Trp Asp
77         210           215           220
78     Tyr Met Ser Phe Thr Pro Ala Val Arg Ala Tyr Thr Met Leu Leu Cys
79         225           230           235           240
80     Cys Phe Val Phe Phe Leu Pro Leu Leu Ile Ile Ile Tyr Cys Tyr Ile
81         245           250           255
82     Phe Ile Phe Arg Ala Ile Arg Glu Thr Gly Arg Ala Leu Gln Thr Phe
83         260           265           270
84     Gly Ala Cys Lys Gly Asn Gly Glu Ser Leu Trp Gln Arg Gln Arg Leu
85         275           280           285
86     Gln Ser Glu Cys Lys Met Ala Lys Ile Met Leu Leu Val Ile Leu Leu
87         290           295           300
88     Phe Val Leu Ser Trp Ala Pro Tyr Ser Ala Val Ala Leu Val Ala Phe
89         305           310           315           320
90     Ala Gly Tyr Ala His Val Leu Thr Pro Tyr Met Ser Ser Val Pro Ala
91         325           330           335
92     Val Ile Ala Lys Ala Ser Ala Ile His Asn Pro Ile Ile Tyr Ala Ile
93         340           345           350
94     Thr His Pro Lys Tyr Arg Val Ala Ile Ala Gln His Leu Pro Cys Leu

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0 375 380
g Ser Thr His Arg Ser Thr Leu Thr Ser His Thr Ser Asn Leu
390 395 400
rp Ile Ser Ile Arg Arg Gln Glu Ser Leu Gly Ser Glu Ser
405 410 415
al Gly Trp Thr His Met Glu Ala Ala Ala Val Trp Gly Ala Ala
420 425 430
in Ala Asn Gly Arg Ser Leu Tyr Gly Gln Gly Leu Glu Asp Leu
435 440 445
la Lys Ala Pro Pro Arg Pro Gln Gly His Glu Ala Glu Thr Pro
450 455 460
ys Thr Lys Gly Leu Ile Pro Ser Gln Asp Pro Arg Met
470 475

O NO: 3
I: 1541
DNA
ISM: Homo sapiens
NCE: 3

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ccctcc ccacgggtta tgttccagac catgcccact ataccctggg cacagtgtac 240
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cgaga cacaatccacgt ccccccacgt ctccctata t 1541

O NO: 4
I: 489
PRT

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Input Set : N:\CrF4\11182002\J018192.raw
Output Set: N:\CRF4\11252002\J018192.raw

146 <213> ORGANISM: Homo sapiens
 147 <400> SEQUENCE: 4
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 150 Gln Ser Ser Ile Ser Ser Leu Gly Arg Leu Pro Ser Ile Ser Pro Thr
 35 40 45
 151 Ala Pro Gly Thr Trp Ala Ala Ala Trp Val Pro Leu Pro Thr Val Asp
 50 55 60
 152 Val Pro Asp His Ala His Tyr Thr Leu Gly Thr Val Ile Leu Leu Val
 65 70 75 80
 153 Gly Leu Thr Gly Met Leu Gly Asn Leu Thr Val Ile Tyr Thr Phe Cys
 85 90 95
 154 Arg Ala Val Leu Arg Gly Val Thr Val Met Met Gln Ser Arg Ser Leu
 100 105 110
 155 Arg Thr Pro Ala Asn Met Phe Ile Ile Asn Leu Ala Val Ser Asp Phe
 115 120 125
 156 Leu Met Ser Phe Thr Gln Ala Pro Val Phe Phe Thr Ser Ser Leu Tyr
 130 135 140
 157 Lys Gln Trp Leu Phe Gly Glu Thr Gly Cys Glu Phe Tyr Ala Phe Cys
 145 150 155 160
 158 Gly Ala Leu Phe Gly Ile Ser Ser Met Ile Thr Leu Thr Ala Ile Ala
 165 170 175
 159 Leu Asp Arg Tyr Leu Val Ile Thr Arg Pro Leu Ala Thr Phe Gly Val
 180 185 190
 160 Ala Ser Lys Arg Arg Ala Ala Phe Val Leu Leu Gly Val Trp Leu Tyr
 195 200 205
 161 Ala Leu Ala Trp Ser Leu Pro Pro Phe Phe Gly Trp Ser Ala Tyr Val
 210 215 220
 162 Pro Glu Gly Leu Leu Thr Ser Cys Ser Trp Asp Tyr Met Ser Phe Thr
 225 230 235 240
 163 Pro Ala Val Arg Ala Tyr Thr Met Leu Leu Cys Cys Phe Val Phe Phe
 245 250 255
 164 Leu Pro Leu Leu Ile Ile Tyr Cys Tyr Ile Phe Ile Phe Arg Ala
 260 265 270
 165 Ile Arg Glu Thr Gly Arg Ala Leu Gln Thr Phe Gly Ala Cys Lys Gly
 275 280 285
 166 Asn Gly Glu Ser Leu Trp Gln Arg Gln Arg Leu Gln Ser Glu Cys Lys
 290 295 300
 167 Met Ala Lys Ile Met Leu Leu Val Ile Leu Leu Phe Val Leu Ser Trp
 305 310 315 320
 168 Ala Pro Tyr Ser Ala Val Ala Leu Val Ala Phe Ala Gly Tyr Ala His
 325 330 335
 169 Val Leu Thr Pro Tyr Met Ser Ser Val Pro Ala Val Ile Ala Lys Ala
 340 345 350
 170 Ser Ala Ile His Asn Pro Ile Ile Tyr Ala Ile Thr His Pro Lys Tyr
 355 360 365
 171 Arg Val Ala Ile Ala Gln His Leu Pro Cys Leu Gly Val Leu Leu Gly

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VERIFICATION SUMMARY

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